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Terms	Documents
prasterone	39

Database:

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- IBM Technical Disclosure Bulletins

Refine Search:

prasterone

[Clear](#)**Search History****Today's Date: 7/17/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	prasterone	39	<u>L15</u>
USPT	androsterone	296	<u>L14</u>
USPT	L12 and L2	31	<u>L13</u>
USPT	DHA not L1 not L10	852	<u>L12</u>
USPT	L10 and L2	5	<u>L11</u>
USPT	dehydroepiandrosterone not L1	216	<u>L10</u>
USPT	L8 and (L4 or L5 or L6)	11	<u>L9</u>
USPT	diosgenen or diosgenin	110	<u>L8</u>
USPT	L1 and (L4 or L5 or L6)	6	<u>L7</u>
USPT	liquorice or licorice	1243	<u>L6</u>
USPT	mulberry or skullcap	806	<u>L5</u>
USPT	procysteine	27	<u>L4</u>
USPT	L1 and L2	4	<u>L3</u>
USPT	pigmentation	5936	<u>L2</u>
USPT	DHEA	327	<u>L1</u>

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
EPAB,DWPI	nouveau[in]	20	<u>L14</u>
EPAB,DWPI	baulieu[in]	7	<u>L13</u>
EPAB,DWPI	charriere[in]	47	<u>L12</u>
EPAB,DWPI	Baulieu[in]	7	<u>L11</u>
EPAB,DWPI	Nouveau[in] and Baulieu[in]	0	<u>L10</u>
EPAB,DWPI	WO2001051022[pn]	0	<u>L9</u>
EPAB,DWPI	2001051022[pn]	1	<u>L8</u>
EPAB,DWPI	051022	0	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI	steroid same regulatory same (melanin or pigmentation or pigmented) not L5	0	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI	steroid same regulatory same (melanin or pigment)	2	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI	L1 and (melanin or melanogenesis)	11	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI	L2 and (pigment or pigmentation or pigmented)	3	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI	L1 same topical	62	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI	DHEA or dehydroepiandrosterone	911	<u>L1</u>

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NEWS 3 Feb 06 Engineering Information Encompass files have new names
NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7 May 07 DGENE Reload
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's
DWPI and DPCI

NEWS EXPRESS July 11 CURRENT WINDOWS VERSION IS V6.0b,
CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP),
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FILE 'HOME' ENTERED AT 15:34:32 ON 24 JUL 2001

=> file kosmet

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.15	0.15

FULL ESTIMATED COST

FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001

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FILE LAST UPDATED: 29 JUN 2001 <20010629/UP>
FILE COVERS 1968 TO DATE.

=> s DHEA or dehydroepiandrosterone
6 DHEA

```

          3 DHEAS
          9 DHEA
            (DHEA OR DHEAS)
          18 DEHYDROEPIANDROSTERONE
L1         20 DHEA OR DEHYDROEPIANDROSTERONE

=> s L1 and topical
          989 TOPICAL
           8 TOPICALS
          991 TOPICAL
            (TOPICAL OR TOPICALS)
L2         2 L1 AND TOPICAL

=> s pigment or pigmentation of pigmented or melanin or melanogenesis
          261 PIGMENT
          509 PIGMENTS
          557 PIGMENT
            (PIGMENT OR PIGMENTS)
          403 PIGMENTATION
           13 PIGMENTATIONS
          403 PIGMENTATION
            (PIGMENTATION OR PIGMENTATIONS)
        20737 OF
          102 PIGMENTED
           0 PIGMENTATION OF PIGMENTED
            (PIGMENTATION (W) OF (W) PIGMENTED)
          284 MELANIN
          316 MELANINS
          350 MELANIN
            (MELANIN OR MELANINS)
          188 MELANOGENESIS
L3         872 PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR
MELANOGENESIS

=> s pigment or pigmentation or pigmented or melanin or melanogenesis
          261 PIGMENT
          509 PIGMENTS
          557 PIGMENT
            (PIGMENT OR PIGMENTS)
          403 PIGMENTATION
           13 PIGMENTATIONS
          403 PIGMENTATION
            (PIGMENTATION OR PIGMENTATIONS)
          102 PIGMENTED
          284 MELANIN
          316 MELANINS
          350 MELANIN
            (MELANIN OR MELANINS)
          188 MELANOGENESIS
L4         1110 PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR
MELANOGENESIS

=> d his

      (FILE 'HOME' ENTERED AT 15:34:32 ON 24 JUL 2001)

      FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001
L1         20 S DHEA OR DEHYDROEPIANDROSTERONE
L2         2 S L1 AND TOPICAL
L3         872 S PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR
MELANOGENE

```

L4 1110 S PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR
MELANOGENE

=> s L1 and L4

L5 0 L1 AND L4

=> d L1 1-20 ti

L1 ANSWER 1 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI **DEHYDROEPIANDROSTERONE** MAY BE ONE OF THE REGULATORS OF CYTOKINE
PRODUCTION IN ATOPIC DERMATITIS

L1 ANSWER 2 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI SCREENING FOR DRUG-INDUCED ALTERATIONS IN THE PRODUCTION AND RELEASE OF
STEROID HORMONES BY PORCINE ADRENOCORTICAL CELLS IN VITRO

L1 ANSWER 3 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI STEROIDS AS REGULATORS OF THE MAMMALIAN IMMUNE RESPONSE

L1 ANSWER 4 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI CLINICAL, ULTRASOUND AND HORMONAL MARKERS OF ANDROGENICITY

L1 ANSWER 5 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI ADRENAL ANDROGEN ABNORMALITIES IN WOMEN WITH LATE ONSET AND PERSISTENT
ACNE

L1 ANSWER 6 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI ISOTRETINOINEATMENT ALTERS STEROID METABOLISM IN WOMEN WITH ACNE

L1 ANSWER 7 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI QUANTITATIVE ASSESSMENT OF SPIRONOLACTONEEATMENT IN WOMEN WITH DIFFUSE
ANDROGEN-DEPENDENT ALOPECIA

L1 ANSWER 8 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI CIRCULATING ANDROGENS IN MEN WITH ACNE

L1 ANSWER 9 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI CELL KINETICS OF ANAGEN SCALP HAIR BULBS IN HIRSUTISM ANALYSED BY
DNA-FLOW CYTOMETRY

L1 ANSWER 10 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI MORPHOMETRIC ANALYSIS OF HUMAN EPIDERMISEATED WITH TESTOSTERONE AND
DEHYDROEPIANDROSTERONE IN ORGAN CULTURE

L1 ANSWER 11 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI ACNE IS NOT ASSOCIATED WITH ABNORMAL PLASMA ANDROGENS

L1 ANSWER 12 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI INCREASED ANDROGEN BINDING CAPACITY IN SEBACEOUS GLANDS IN SCALP OF
MALE-PATTERN BALDNESS

L1 ANSWER 13 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI LOCAL STIMULATION OF SEBACEOUS GLAND ACTIVITY BY THE TOPICAL
ADMINISTRATION OF **DEHYDROEPIANDROSTERONE**

L1 ANSWER 14 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI ENDOCRINOLOGY INVOLVEMENT IN ACNE

L1 ANSWER 15 OF 20 KOSMET COPYRIGHT 2001 IFSCC

TI ABNORMAL ADRENAL ANDROGEN RESPONSES TO ACTH IN WOMEN WITH ACNE AND/OR

HIRSUTISM. LACK OF CORRELATION WITH BASELINE ANDROGENS OR DEXAMETHASONE SUPPRESSION

L1 ANSWER 16 OF 20 KOSMET COPYRIGHT 2001 IFSCC
TI ANDROGEN IMBALANCE AND RELAPSE OF ACNE AFTER ORAL ISOTRETINOIN

L1 ANSWER 17 OF 20 KOSMET COPYRIGHT 2001 IFSCC
TI DELTA-5-3-BETA-HYDROXYSTEROID DEHYDROGENASE ACTIVITY IN SEBACEOUS GLANDS OF SCALP IN MALE-PATTERN BALDNESS

L1 ANSWER 18 OF 20 KOSMET COPYRIGHT 2001 IFSCC
TI SIMPLIFIED METHOD OF DETERMINATION OF SERUM CHOLESTEROL SULFATE BY REVERSE PHASE THIN-LAYER CHROMATOGRAPHY

L1 ANSWER 19 OF 20 KOSMET COPYRIGHT 2001 IFSCC
TI ANDROGENS AND ANTIANDROGENS IN THE FEMALE
ANDROGENE UND ANTIANDROGENE BEI DER FRAU

L1 ANSWER 20 OF 20 KOSMET COPYRIGHT 2001 IFSCC
TI ESTRONE- AND **DEHYDROEPIANDROSTERONE**-SULFATASE ACTIVITIES IN HUMAN FEMALE EPIDERMIS

=> file CAPlus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.08

6.23

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FILE COVERS 1947 - 24 Jul 2001 VOL 135 ISS 5
FILE LAST UPDATED: 23 Jul 2001 (20010723/ED)

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=> s DHEA or dehydroepiandrosterone

1976 DHEA

553 DHEAS

2295 DHEA

(DHEA OR DHEAS)

7377 DEHYDROEPIANDROSTERONE

24 DEHYDROEPIANDROSTERONES

7385 DEHYDROEPIANDROSTERONE

(DEHYDROEPIANDROSTERONE OR DEHYDROEPIANDROSTERONES)

L6 7710 DHEA OR DEHYDROEPIANDROSTERONE

=> s pigment or pigmented or pigmentation

104388 PIGMENT

84870 PIGMENTS

139070 PIGMENT

(PIGMENT OR PIGMENTS)

13068 PIGMENTED

7081 PIGMENTATION

69 PIGMENTATIONS

7121 PIGMENTATION

(PIGMENTATION OR PIGMENTATIONS)

L7 150100 PIGMENT OR PIGMENTED OR PIGMENTATION

=> s melanin or melanogenesis

6814 MELANIN

4669 MELANINS

7669 MELANIN

(MELANIN OR MELANINS)

1341 MELANOGENESIS

L8 8062 MELANIN OR MELANOGENESIS

=> file kosmet

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

11.85

18.08

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<20010629/UP>

FILE COVERS 1968 TO DATE.

=> d his

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FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001

L1 20 S DHEA OR DEHYDROEPIANDROSTERONE

L2 2 S L1 AND TOPICAL

L3 872 S PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR MELANOGENE

L4 1110 S PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR MELANOGENE

L5 0 S L1 AND L4

FILE 'CAPLUS' ENTERED AT 15:39:16 ON 24 JUL 2001

L6 7710 S DHEA OR DEHYDROEPIANDROSTERONE
L7 150100 S PIGMENT OR PIGMENTED OR PIGMENTATION
L8 8062 S MELANIN OR MELANOGENESIS

FILE 'KOSMET' ENTERED AT 15:41:12 ON 24 JUL 2001

=> s melanin or melanogenesis
284 MELANIN
316 MELANINS
350 MELANIN
(MELANIN OR MELANINS)
188 MELANOGENESIS
L9 423 MELANIN OR MELANOGENESIS

=> s steroid same L9
MISSING OPERATOR SAME L9
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s steroid(w)L9
78 STEROID
143 STEROIDS
155 STEROID
(STEROID OR STEROIDS)
L10 0 STEROID(W)L9

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	1.52	19.60

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FILE COVERS 1947 - 24 Jul 2001 VOL 135 ISS 5
FILE LAST UPDATED: 23 Jul 2001 (20010723/ED)

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FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001

L1 20 S DHEA OR DEHYDROEPIANDROSTERONE
L2 2 S L1 AND TOPICAL
L3 872 S PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR
MELANOGENE
L4 1110 S PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR
MELANOGENE
L5 0 S L1 AND L4

FILE 'CAPLUS' ENTERED AT 15:39:16 ON 24 JUL 2001

L6 7710 S DHEA OR DEHYDROEPIANDROSTERONE
L7 150100 S PIGMENT OR PIGMENTED OR PIGMENTATION
L8 8062 S MELANIN OR MELANOGENESIS

FILE 'KOSMET' ENTERED AT 15:41:12 ON 24 JUL 2001

L9 423 S MELANIN OR MELANOGENESIS
L10 0 S STEROID(W)L9

FILE 'CAPLUS' ENTERED AT 15:42:12 ON 24 JUL 2001

=> s L6 and L8

L11 5 L6 AND L8

=> d L11 1-5 ti

L11 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS

TI Methods and pharmaceutical compositions containing Apo B secretion/microsomal triglyceride transfer protein inhibitors and anti-obesity agents for the treatment of obesity

L11 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACS

TI Gene probes used for genetic profiling in healthcare screening and planning

L11 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS

TI Gene probes used for genetic profiling in healthcare screening and planning

L11 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2001 ACS

TI **Dehydroepiandrosterone** inhibits B16 mouse melanoma cell growth by induction of differentiation

L11 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS

TI Response of black and white guinea pig skin to photodynamic treatment using 514-nm light and dihematoporphyrin ether

=> d L11 5 abs

L11 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS

AB Differences in skin pigmentation may affect light penetration during photodynamic therapy. This study evaluated the effect of skin pigmentation on the dermatotoxic reaction to photodynamic therapy utilizing the photosensitizer DHEA. Black and white guinea pigs were given 10 mg/kg of DHEA, depilated, and treated 48 h after injection with 30 mW/cm² of 514-nm light. Eschar formation was obsd. on white skin at an av. light dose of 26 J/cm², whereas black skin showed similar changes at 58 J/cm². Microscopically, superficial necrosis corresponded to the gross changes noted. The results agree with data describing the difficulty of treating pigmented lesions such as malignant melanoma with photodynamic therapy. This further suggests that higher light doses may be required to treat superficial lesions and produce skin photosensitivity in dark-skinned individuals.

=> d his

(FILE 'HOME' ENTERED AT 15:34:32 ON 24 JUL 2001)

FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001

L1 20 S DHEA OR DEHYDROEPIANDROSTERONE
L2 2 S L1 AND TOPICAL
L3 872 S PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR MELANOGENE
L4 1110 S PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR MELANOGENE
L5 0 S L1 AND L4

FILE 'CAPLUS' ENTERED AT 15:39:16 ON 24 JUL 2001

L6 7710 S DHEA OR DEHYDROEPIANDROSTERONE
L7 150100 S PIGMENT OR PIGMENTED OR PIGMENTATION
L8 8062 S MELANIN OR MELANOGENESIS

FILE 'KOSMET' ENTERED AT 15:41:12 ON 24 JUL 2001

L9 423 S MELANIN OR MELANOGENESIS
L10 0 S STEROID(W)L9

FILE 'CAPLUS' ENTERED AT 15:42:12 ON 24 JUL 2001

L11 5 S L6 AND L8

=> s L6 and L7

L12 18 L6 AND L7

=> d L12 1-18 ti

L12 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Oral use of **dehydroepiandrosterone** and some of its derivatives as **pigmentation** regulators

L12 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Influence of **dehydroepiandrosterone** on rabbit intraocular pressure

L12 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI **Dehydroepiandrosterone** (DHEA), DHEA sulfate, and aging: contribution of the DHEAge study to a sociobiomedical issue

L12 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Gene probes used for genetic profiling in healthcare screening and planning

L12 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Gene probes used for genetic profiling in healthcare screening and planning

L12 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Adrenal steroid precursors exert potent androgenic action in the hamster sebaceous glands of flank organs and ears

L12 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Response of black and white guinea pig skin to photodynamic treatment using 514-nm light and dihematoporphyrin ether

L12 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Effect of urinary **pigments** on the determination of **dehydroepiandrosterone**

L12 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Determination of neutral urinary 17-oxo steroids with hydroxide of Hyamine 10-X in the Zimmermann reaction

L12 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI A modified method for the analysis of urinary 17-keto steroids, pregnanediol and pregnanetriol by gas-liquid chromatography in normal subjects and subjects with various endocrine disorders

L12 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI New modification of Zimmermann's reaction

L12 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Paper chromatography of the 17-keto steroids [of urine] with a quantitative evaluation

L12 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Comparative ability of .beta.-glucuronidase preparations (liver, Escherichia coli, Helix pomatia, and Patella vulgata) to hydrolyze certain steroid glucosiduronic acids

L12 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Specificity of the Zimmermann reaction for 17-keto steroids

L12 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI A simplified method for the simultaneous determination of 17-keto steroids, **dehydroepiandrosterone**, and 17-hydroxycorticosteroids in serum

L12 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Determination of 11-deoxy-17-oxosteroids in urine from adrenalectomized women

L12 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Quantitative determination and chromatographic fractionation of 17-keto steroids in rat urine

L12 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Purification of urinary 17-keto steroid extracts for infrared analysis

=> d L12 1 ibib,abs

L12 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2001:525895 CAPLUS

TITLE: Oral use of **dehydroepiandrosterone** and some of its derivatives as **pigmentation** regulators

INVENTOR(S): De La Charriere Olivier; Nouveau, Stephanie; Forette,

Francoise; Baulieu, Etienne Emile

PATENT ASSIGNEE(S): Assistance Publique - Hopitaux de Paris, Fr.

SOURCE: PCT Int. Appl.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001051022	A1	20010719	WO 2001-FR100062	20010110
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: FR 2000-321 A 20000112

AB The invention concerns the use of at least a compound selected in the group consisting of **dehydroepiandrosterone**, its precursors and its metabolic derivatives, for preparing a composition for oral administration and for use in regulating human skin and/or skin appendages.

=> d L12 1 kwic

L12 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2001 ACS

TI Oral use of **dehydroepiandrosterone** and some of its derivatives as **pigmentation** regulators

AB The invention concerns the use of at least a compound selected in the group consisting of **dehydroepiandrosterone**, its precursors and its metabolic derivatives, for preparing a composition for oral administration and for use in regulating human skin. . .

=> file stng

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
13.55	33.15

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.76	-1.76

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jul 20, 2001 (20010720/UP).

=> d his

(FILE 'HOME' ENTERED AT 15:34:32 ON 24 JUL 2001)

FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001
L1 20 S DHEA OR DEHYDROEPIANDROSTERONE
L2 2 S L1 AND TOPICAL
L3 872 S PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR
MELANOGENE
L4 1110 S PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR
MELANOGENE
L5 0 S L1 AND L4

FILE 'CAPLUS' ENTERED AT 15:39:16 ON 24 JUL 2001
L6 7710 S DHEA OR DEHYDROEPIANDROSTERONE
L7 150100 S PIGMENT OR PIGMENTED OR PIGMENTATION
L8 8062 S MELANIN OR MELANOGENESIS

FILE 'KOSMET' ENTERED AT 15:41:12 ON 24 JUL 2001
L9 423 S MELANIN OR MELANOGENESIS
L10 0 S STEROID(W)L9

FILE 'CAPLUS' ENTERED AT 15:42:12 ON 24 JUL 2001
L11 5 S L6 AND L8
L12 18 S L6 AND L7

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FILE LAST UPDATED: 23 Jul 2001 (20010723/ED)

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=> s L6 and topical
      27963 TOPICAL
      30 TOPICALS
      27978 TOPICAL
      (TOPICAL OR TOPICALS)
L13      44 L6 AND TOPICAL
```

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=> d L13 1-44 ti
```

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L13 ANSWER 1 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Use of dehydroepiandrosterone and/or precursors or derivatives
thereof to improve papery aspect of the skin

L13 ANSWER 2 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Solid carriers for improved delivery of active ingredients in
pharmaceutical compositions

L13 ANSWER 3 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Influence of dehydroepiandrosterone on rabbit intraocular
pressure

L13 ANSWER 4 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Pharmaceutical and cosmetic compositions containing oligosaccharide
aldonic acids and their topical use

L13 ANSWER 5 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Pharmaceutical formulations containing hormones for treating
postmenopausal and perimenopausal women

L13 ANSWER 6 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Ocular therapy in keratoconjunctivitis sicca using topically applied
androgens or TGF- $\beta$ .

L13 ANSWER 7 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Combined dehydroepiandrosterone and retinoid therapy for
epithelial disorders

L13 ANSWER 8 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Composition and formulations and their use as nociceptic, anti-anxiolytic
and anabolic agents
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L13 ANSWER 9 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Compositions for rapid and non-irritating transdermal delivery of pharmaceutically active agents and methods for formulating such compositions and delivery thereof

L13 ANSWER 10 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI **DHEA**-containing composition for external use

L13 ANSWER 11 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Compositions and methods for treatment of alopecia

L13 ANSWER 12 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Sleep-promoting compositions containing **dehydroepiandrosterones**

L13 ANSWER 13 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Transdermal delivery of **dehydroepiandrosterone**

L13 ANSWER 14 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI male erectile dysfunction with a prostaglandin vasodilator and a 15-hydroxyprostaglandin dehydrogenase inhibitor, and suppository composition

L13 ANSWER 15 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Use of hydrolyzed cocoa butter for percutaneous absorption

L13 ANSWER 16 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Alterations in cholesterol sulfate and its biosynthetic enzyme during multistage carcinogenesis in mouse skin

L13 ANSWER 17 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Vaccine compositions and method for enhancing an immune response

L13 ANSWER 18 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Method of treating or preventing osteoporosis by administering dehydroepiandrosterone

L13 ANSWER 19 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI **Topical** penile androgen application for treatment of erectile dysfunction

L13 ANSWER 20 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Novel pharmaceutical formulation of **dehydroepiandrosterone** for percutaneous **topical** application

L13 ANSWER 21 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI **Dehydroepiandrosterone** and its derivatives for treatment of psoriasis

L13 ANSWER 22 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Short-term effects of **topical** testosterone in vulvar lichen sclerosis

L13 ANSWER 23 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Hormonal correlates of acne and hirsutism

L13 ANSWER 24 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Pharmaceutical compositions containing steroid precursors

L13 ANSWER 25 OF 44 CAPLUS COPYRIGHT 2001 ACS

- TI Does salicylic acid increase the percutaneous absorption of diflucortolone-21-valerate?
- L13 ANSWER 26 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI 5-Androstene-3.beta., 17.beta.-diol and 5-androstene-3.beta., 7.beta., 17.beta.-triol and derivatives thereof in regulation of the immune system
- L13 ANSWER 27 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Reversal of the immunosenescent phenotype by **dehydroepiandrosterone**: hormone treatment provides an adjuvant effect on the immunization of aged mice with recombinant hepatitis B surface antigen
- L13 ANSWER 28 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Physiopathology of plasma androstanediol-glucuronide
- L13 ANSWER 29 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Inhibition of 12-O-tetradecanoylphorbol 13-acetate-promoted skin tumor formation in mice by 16.alpha.-fluoro-5-androsten-17-one and its reversal by deoxyribonucleosides
- L13 ANSWER 30 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Androgen regulation of a specific gene in hamster flank organs
- L13 ANSWER 31 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Local stimulation of sebaceous gland activity by the **topical** administration of **dehydroepiandrosterone**
- L13 ANSWER 32 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI **Dehydroepiandrosterone** and two structural analogs inhibit 12-O-tetradecanoylphorbol-13-acetate stimulation of prostaglandin E2 content in mouse skin
- L13 ANSWER 33 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI An original predictive method for in vivo percutaneous absorption studies
- L13 ANSWER 34 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Inhibition of tumor development by **dehydroepiandrosterone** and related steroids
- L13 ANSWER 35 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Food restriction inhibits [3H]7,12-dimethylbenz(a)anthracene binding to mouse skin DNA and tetradecanoylphorbol-13-acetate stimulation of epidermal [3H]-thymidine incorporation
- L13 ANSWER 36 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI **Topical** applications for preventing dry skin
- L13 ANSWER 37 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Inhibition of 7,12-dimethylbenz(a)anthracene-induced skin papillomas and carcinomas by **dehydroepiandrosterone** and 3-.beta.-methylandrosterone-5-en-17-one in mice
- L13 ANSWER 38 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Lipids in the pathogenesis of ichthyosis: **topical** cholesterol sulfate-induced scaling in hairless mice
- L13 ANSWER 39 OF 44 CAPLUS COPYRIGHT 2001 ACS
 TI Experimental study of seborrhea. Possible implications in cosmetology

- L13 ANSWER 40 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Effect of food restriction, **dehydroepiandrosterone**, or obesity on the binding of 3H-7,12-dimethylbenz[a]anthracene to mouse skin DNA
- L13 ANSWER 41 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Condition and development of the progeny of rats which underwent application of androgens to the skin throughout the whole period of their pregnancy
- L13 ANSWER 42 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Possibility of establishing the maximum permissible levels of substances harmful during contact with the skin
- L13 ANSWER 43 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Percutaneous penetration of steroids in man
- L13 ANSWER 44 OF 44 CAPLUS COPYRIGHT 2001 ACS
TI Inhibition by an anti-androgen of stimulation provided by four androgenic compounds

=> d L13 abs 10,13,24

- L13 ANSWER 10 OF 44 CAPLUS COPYRIGHT 2001 ACS
AB Disclosed is **topical** compn. contg. **dehydroepiandrosterone** (DHEA), C7-12 alkane, N-alkyl-2-pyrrolidone, terpene, diisopropyl adipate, high alc., multi-valent alc., and glycerin monofatty acid. A such **topical** compn. may comprise **DHEA**, n-heptane, N-methyl-2-pyrrolidone, limonene, terpinene, iso-Pr adipate, lauryl alc., and glycerin monocaprate. The **topical** compn. is useful for preventing or treating cancer, obesity, diabetes mellitus, retrovirus infection, hyperlipidemia, depression, memory disorder, or progressive necrosis.
- L13 ANSWER 13 OF 44 CAPLUS COPYRIGHT 2001 ACS
AB Disclosed is a novel transdermal delivery system for **dehydroepiandrosterone** (DHEA). Using phospholipids as vehicles, **DHEA** can be administered into and through the skin when topically applied. Numerous advantages apply to this modality of therapy. Creams were prepd. by stirring together at 70.degree. the following ingredients: cetyl palmitate 23, beeswax 23, mineral oil 105, **DHEA** 3, phosphatidylcholine 7, borax 1, water 38, Me paraben 100 g, and .alpha.-tocopherol 10 mg. Treatment of a woman with systemic lupus erythematosus with the above cream is reported.
- L13 ANSWER 24 OF 44 CAPLUS COPYRIGHT 2001 ACS
AB Sex steroid precursors such as **dehydroepiandrosterone** (I) and I sulfate, and compds. converted in vivo to either of the foregoing, are utilized for the treatment and/or prevention of vaginal atrophy, hypogonadism, diminished libido, osteoporosis, urinary incontinence, ovarian cancer, uterine cancer, skin atrophy, contraception, and, in combination with an estrogen and/or progestin, for the treatment of menopause. I 2.88 g was dissolved in 85% formic acid and heated at 60.degree. for 1 h, then cooled to obtain crystals which were filtered and dried. A lotion contained I 10, propylene glycol 15, and 70% EtOH 5%.

=> d his

(FILE 'HOME' ENTERED AT 15:34:32 ON 24 JUL 2001)

FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001

L1 20 S DHEA OR DEHYDROEPIANDROSTERONE
L2 2 S L1 AND TOPICAL
L3 872 S PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR
MELANOGENE
L4 1110 S PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR
MELANOGENE
L5 0 S L1 AND L4

FILE 'CAPLUS' ENTERED AT 15:39:16 ON 24 JUL 2001

L6 7710 S DHEA OR DEHYDROEPIANDROSTERONE
L7 150100 S PIGMENT OR PIGMENTED OR PIGMENTATION
L8 8062 S MELANIN OR MELANOGENESIS

FILE 'KOSMET' ENTERED AT 15:41:12 ON 24 JUL 2001

L9 423 S MELANIN OR MELANOGENESIS
L10 0 S STEROID(W)L9

FILE 'CAPLUS' ENTERED AT 15:42:12 ON 24 JUL 2001

L11 5 S L6 AND L8
L12 18 S L6 AND L7

FILE 'STNGUIDE' ENTERED AT 15:46:39 ON 24 JUL 2001

FILE 'CAPLUS' ENTERED AT 15:50:46 ON 24 JUL 2001

L13 44 S L6 AND TOPICAL

=> s L8 and steroid

86524 STEROID
92297 STEROIDS
136761 STEROID
(STEROID OR STEROIDS)

L14 51 L8 AND STEROID

=> s L14 and topical

27963 TOPICAL
30 TOPICALS
27978 TOPICAL
(TOPICAL OR TOPICALS)

L15 2 L14 AND TOPICAL

=> d L15 1-2 ti

L15 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
TI The effect of **topical steroids** on **melanin**
pigmentation

L15 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS
TI **Melanin. II**

=> d L15 1-2 ibib,abs,kwic

L15 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1978:146620 CAPLUS
DOCUMENT NUMBER: 88:146620
TITLE: The effect of **topical steroids** on
melanin pigmentation

AUTHOR(S): Bleeheh, S. S.
CORPORATE SOURCE: Sub-Dep. Dermatol., Hallamshire Hosp., Sheffield, Engl.
SOURCE: Mech. Top. Corticosteroid Act., Glaxo Symp. (1976), Meeting Date 1974, 71-6. Editor(s): Wilson, Lyn; Marks, Ronald. Churchill-Livingstone: London, Engl. CODEN: 37QAA2

DOCUMENT TYPE: Conference
LANGUAGE: English

AB The effects of several **topical** corticosteroid prepns. on the pigmentation of the epilated skin of black guinea pigs were studied. No significant changes were noted in the pigmentation of **steroid**-treated areas when compared with similar control areas of skin.

Although there was a diminution in the population d. of melanocytes in the **steroid**-treated areas, this was probably related to the degree of epidermal atrophy. No other histol. changes were obsd. either on light

or electron microscopy.

TI The effect of **topical steroids** on **melanin** pigmentation

AB The effects of several **topical** corticosteroid prepns. on the pigmentation of the epilated skin of black guinea pigs were studied. No significant changes were noted in the pigmentation of **steroid**-treated areas when compared with similar control areas of skin.

Although there was a diminution in the population d. of melanocytes in the **steroid**-treated areas, this was probably related to the degree of epidermal atrophy. No other histol. changes were obsd. either on light

or electron microscopy.

ST **steroid** skin **melanin** pigmentation

IT Corticosteroids, biological studies

RL: BIOL (Biological study)
(**melanin** pigmentation response to)

IT **Melanins**

RL: BIOL (Biological study)
(of skin, **steroids** effect on, pigmentation in relation to)

IT Skin
(pigmentation of, **steroids** effect on **melanin** in relation to)

IT Melanocyte
(**steroids** effect on, **melanin** pigmentation in relation to)

IT 50-23-7 67-73-2 2152-44-5 25122-46-7

RL: BIOL (Biological study)
(**melanin** pigmentation response to)

L15 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1958:17104 CAPLUS

DOCUMENT NUMBER: 52:17104

ORIGINAL REFERENCE NO.: 52:3110i,3111a-f

TITLE: **Melanin. II**

AUTHOR(S): Ito, Minor

CORPORATE SOURCE: Tohoku Univ., Sendai

SOURCE: Tohoku J. Exptl. Med. (1957), 65(Suppl. 5), 128 pp.

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB cf. C.A. 46, 7602h. Indophenol oxidase and peroxidase participate in the physiol. manifestations of melanogenous activity. Ultraviolet irradiation

of normal human skin indicates that activation of oxidizing enzymes enhance **melanogenesis**, and that **melanin** might be produced in cells different from melanocytes in the human epidermis. Of the oxidation and reduction areas (Unna, Histochemie der Haut, 1928 (C.A. 22, 970)) in the normal skin of the thigh, axilla, and palm irradiated with ultraviolet rays, the oxidation area is **melanin** rich and the reduction area is **melanin** poor. The mast cells play a role in the stimulation of oxidation for **melanin** formation in the cells of Mongolian spot, blue nevus, and nevus fusco-caeruleus. In cases of dermatoses the precursor of **melanin** is indicated to be blood tyrosine. No clear relation is observed between **melanogenesis** and administration of ascorbic acid, adrenaline or corticotropin. The serum Cu level is significantly elevated in pregnancy, and in erythema nodosum, while the serum oxidase activity is elevated in Riehl's melanosis, Addison's disease, pregnancy, erythema nodosum, and in cutaneous tuberculosis. The serum Cu and serum oxidase activity tend to be highest in children. The Cu content is higher in the epidermis than

in

the corium, but after ultraviolet irradiation the Cu tends to be low. No correlation is observed between the Cu content and **melanin** content of the epidermis. A Cu-Fe iontophoresis and ultraviolet irradiation method is an excellent treatment for vitiligo. Zn and Mn increase in hyperpigmented skin, while Cu and Fe show no difference between hyperpigmented and normal skin. It is observed that in some pigmentary disturbances the SH content of the whole blood and blood serum varies with the **melanin** content of the skin. In pregnancy and vitiligo this variation may be related to dyschromia. The use of monobenzyl ether of hydroquinone causes leucomelanoderma in some cases. The use of guanofuracin causes depigmentation of the skin after **topical** application, and the results indicate that the nitrofurans interact with Cu of tyrosinase, SH groups, and inhibits the activity of potato tyrosinase. The inhibition of human melanoma enzyme is slight,

and

inhibition of the 3-(3,4-dihydroxyphenyl)alanine reaction is absent. Aniline, p-phenylenediamine, other phenyl compds. guanofuracin, and org.

S

compds. also participate in **melanogenesis**, as indicated by pH change of the skin. No significant changes are observed in vitiligo, albinism, and in Addison's disease. The results of Thorn's and serum K tolerance tests on patients with various pigmentary diseases, indicates that the pituitary-adrenal system is involved in **melanogenesis**, and changes in urinary 17-keto **steroids**, estrogens, and pregnanediol in pregnancy and various pigmentary diseases show that these also participate in **melanogenesis**.

TI **Melanin. II**

AB cf. C.A. 46, 7602h. Indophenol oxidase and peroxidase participate in the physiol. manifestations of melanogenous activity. Ultraviolet irradiation

of normal human skin indicates that activation of oxidizing enzymes enhance **melanogenesis**, and that **melanin** might be produced in cells different from melanocytes in the human epidermis. Of the oxidation and reduction areas (Unna, Histochemie der Haut, 1928 (C.A. 22, 970)) in the normal skin of the thigh, axilla, and palm irradiated with ultraviolet rays, the oxidation area is **melanin** rich and the reduction area is **melanin** poor. The mast cells play a role in the stimulation of oxidation for **melanin** formation in the cells of Mongolian spot, blue nevus, and nevus fusco-caeruleus. In cases of dermatoses the precursor of **melanin** is indicated to be blood tyrosine. No clear relation is observed between **melanogenesis** and administration of ascorbic acid, adrenaline or corticotropin. The

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=> d his

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(FILE 'HOME' ENTERED AT 15:34:32 ON 24 JUL 2001)

FILE 'KOSMET' ENTERED AT 15:34:38 ON 24 JUL 2001
L1      20 S DHEA OR DEHYDROEPIANDROSTERONE
L2      2 S L1 AND TOPICAL
L3      872 S PIGMENT OR PIGMENTATION OF PIGMENTED OR MELANIN OR
MELANOGENE
L4      1110 S PIGMENT OR PIGMENTATION OR PIGMENTED OR MELANIN OR
MELANOGENE
L5      0 S L1 AND L4

FILE 'CAPLUS' ENTERED AT 15:39:16 ON 24 JUL 2001
L6      7710 S DHEA OR DEHYDROEPIANDROSTERONE
L7      150100 S PIGMENT OR PIGMENTED OR PIGMENTATION
L8      8062 S MELANIN OR MELANOGENESIS

FILE 'KOSMET' ENTERED AT 15:41:12 ON 24 JUL 2001
L9      423 S MELANIN OR MELANOGENESIS
L10     0 S STEROID(W)L9

FILE 'CAPLUS' ENTERED AT 15:42:12 ON 24 JUL 2001
L11     5 S L6 AND L8
L12     18 S L6 AND L7
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FILE 'STNGUIDE' ENTERED AT 15:46:39 ON 24 JUL 2001

FILE 'CAPLUS' ENTERED AT 15:50:46 ON 24 JUL 2001

L13 44 S L6 AND TOPICAL
L14 51 S L8 AND STEROID
L15 2 S L14 AND TOPICAL

=> s L14 not L15

L16 49 L14 NOT L15

=> d L16 1-49 ti

L16 ANSWER 1 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Gas chromatography-mass spectrometry analysis of anabolic compounds in bovine hair: evaluation of hair extraction procedures

L16 ANSWER 2 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Gonadal **steroids** and energy homeostasis in the Leptin Era

L16 ANSWER 3 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Human **melanin** concentrating hormone receptor MCH1 and cDNA and diagnostic and therapeutic uses thereof

L16 ANSWER 4 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Anti-inflammatory agents for preventing increased iridial pigmentation during prostaglandin treatment

L16 ANSWER 5 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Long-term alterations in adiposity affect the expression of **melanin**-concentrating hormone and enkephalin but not proopiomelanocortin in the hypothalamus of ovariectomized ewes

L16 ANSWER 6 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI The influence of gonadal **steroids** on pre-pro **melanin**-concentrating hormone mRNA in female rats

L16 ANSWER 7 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Cosmetic or dermopharmaceutical beads comprising a hydrophobic wax, an oil, and talcum

L16 ANSWER 8 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Gene probes used for genetic profiling in healthcare screening and planning

L16 ANSWER 9 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Gene probes used for genetic profiling in healthcare screening and planning

L16 ANSWER 10 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Brain uncoupling protein 2: uncoupled neuronal mitochondria predict thermal synapses in homeostatic centers

L16 ANSWER 11 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Immunohistochemical study of ACTH and .alpha.-MSH in vitiligo patients successfully treated with a sex **steroid**-thyroid hormone mixture

L16 ANSWER 12 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Cosmetic **melanins**

L16 ANSWER 13 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Quantification of tyrosinase, TRP-1, and TRP-2 transcripts in human melanocytes by reverse transcriptase-competitive multiplex PCR - regulation by **steroid** hormones

L16 ANSWER 14 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Vectors containing the cellular injury response element and their uses in protein manufacture with recombinant cells

L16 ANSWER 15 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Stimulatory effect of **melanin**-concentrating hormone on luteinizing hormone release

L16 ANSWER 16 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Effect of pituitary and ovarian hormones on human melanocytes in vitro

L16 ANSWER 17 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Cosmetic **melanins**

L16 ANSWER 18 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Method for delivering biologically active materials using a thioester or thioether prodrug

L16 ANSWER 19 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI New kinds of androgens and anabolics

L16 ANSWER 20 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Immobilized indole ring-containing compounds for selective binding materials and assays

L16 ANSWER 21 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Arabinogalactan derivatives and uses thereof

L16 ANSWER 22 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Hormonal control of **melanogenesis**

L16 ANSWER 23 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI High-affinity binding of progesterone to the plasma membrane of *Xenopus* oocytes: Characteristics of binding and hormonal and developmental control

L16 ANSWER 24 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI The peculiarities of **melanin** genesis in fungus *Curvularia lunata*

L16 ANSWER 25 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Stimulation of **melanin** synthesis of B16-F10 mouse melanoma cells by bufalin

L16 ANSWER 26 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Incorporation and binding of estrogens into **melanin**: comparison of mushroom and mammalian tyrosinases

L16 ANSWER 27 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Cosmetic compositions containing vitamin A derivatives in liposomes for transport through membranes

L16 ANSWER 28 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Kojic acid mixtures as skin lightening agents

L16 ANSWER 29 OF 49 CAPLUS COPYRIGHT 2001 ACS

TI Pigments of a *Curvularia lunata* strain with **steroid** hydroxylase

activity

- L16 ANSWER 30 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Experimental therapeutics using alpha particles
- L16 ANSWER 31 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Cytosolic androgen receptors in the neuroendocrine tissues of the golden hamster: influence of photoperiod and melatonin treatment
- L16 ANSWER 32 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Oxidation of 2-hydroxyestradiol and its incorporation into **melanin** by mushroom tyrosinase
- L16 ANSWER 33 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Role of estradiol and 2-hydroxyestradiol in **melanin** formation in vitro
- L16 ANSWER 34 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Effects of estradiol on estrogen receptor, progesterone receptor, and tyrosinase in hamster melanoma transplanted into athymic mice
- L16 ANSWER 35 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Multi-hormonal regulation of tyrosinase expression in B16/C3 melanoma cells in culture
- L16 ANSWER 36 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Plant-glycoside modulation of cell surface related to control of differentiation in cultured B16 melanoma cells
- L16 ANSWER 37 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Some aspects of the mode of action of pyrazophos
- L16 ANSWER 38 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Control of phenotypic expression of cultured B16 melanoma cells by plant glycosides
- L16 ANSWER 39 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Role of cholinesterase in **melanogenesis**: search for a control mechanism
- L16 ANSWER 40 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Role of peroxidase in **melanogenesis** - search for a control mechanism
- L16 ANSWER 41 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Changes in tyrosine levels of black and white skins of guinea pigs treated with psoralen and hormones
- L16 ANSWER 42 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Depression of ascorbic acid by drug and hormones in white and black skins of guinea pig
- L16 ANSWER 43 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI Interferon and adrenocorticotrophic hormone induction of steroidogenesis, **melanogenesis** and antiviral activity
- L16 ANSWER 44 OF 49 CAPLUS COPYRIGHT 2001 ACS
TI The progesterone receptor-like properties of *Xenopus laevis* oocyte melanosomes are probably due to eumelanin

- L16 ANSWER 45 OF 49 CAPLUS COPYRIGHT 2001 ACS
 TI Interaction of progesterone with amphibian melanosomes
- L16 ANSWER 46 OF 49 CAPLUS COPYRIGHT 2001 ACS
 TI In vitro effects of melanocyte-stimulating hormone, adrenocorticotrophic hormone, 17.beta.-estradiol, or testosterone propionate on Cloudman S91 mouse melanoma cells
- L16 ANSWER 47 OF 49 CAPLUS COPYRIGHT 2001 ACS
 TI Hormonal control of **melanin** pigmentation in scrotal skin of the rat
- L16 ANSWER 48 OF 49 CAPLUS COPYRIGHT 2001 ACS
 TI Urinary 17-keto **steroid** excretion in leucoderma
- L16 ANSWER 49 OF 49 CAPLUS COPYRIGHT 2001 ACS
 TI Effect of hypophysectomy on pigmentation and ascorbic acid excretion in black rats

=> d L16 abs 6,12,16,17,22,28,33,43,47

- L16 ANSWER 6 OF 49 CAPLUS COPYRIGHT 2001 ACS
 AB **Melanin**-concg. hormone (MCH) may have a regulatory role in the control of LH release. The authors have investigated if gonadal **steroids** induce changes in the expression of pre-pro MCH (ppMCH) that are assocd. with changes in the pattern of LH release. Using quant. in-situ hybridization histochem. the authors have detd. the effect of administration of either estradiol benzoate (5 .mu.g/rat) or estradiol benzoate followed 44 or 48 h later by progesterone (0.5 mg/rat) to ovariectomized rats on the expression of ppMCH in the medial and lateral zona incerta and the lateral hypothalamus. The prevalence of ppMCH transcripts in the intact female rat at 12.00 and 19.00 h on proestrus and the first day of diestrus was also examd. Estrogen reduced the intensity of hybridization signal for ppMCH mRNA and this was assocd. with both a decrease in the no. of cells in which the message was detected in the medial zona incerta and a neg. feedback effect on LH release in ovariectomized rats. Progesterone administration to estradiol benzoate-primed rats did not alter the reduced expression in the medial zona incerta in spite of its pos. feedback effect on LH release. The authors suggest that progesterone may act only on post-translational events. Expression in the MCH cell bodies of the lateral zona incerta were not affected but there was a transient decrease 4 h after progesterone treatment in the estradiol benzoate-primed rats in expression in the lateral hypothalamus. No changes in ppMCH mRNA were seen in intact animals on proestrus or the first day of diestrus indicating that gonadal **steroids** are not important in the modulation of ppMCH gene expression during the estrus cycle. In other **steroid**-dependent physiol. situations, however, estrogen may influence the expression of ppMCH in a subpopulation of cell bodies in the medial zona incerta.

- L16 ANSWER 12 OF 49 CAPLUS COPYRIGHT 2001 ACS
 AB Cosmetic **melanins** of different colors are produced by oxidative polymn. of monomeric precursors of **melanin** and/or comonomers that enhance substantivity or adherence of the **melanins** to the skin and hair. These cosmetic **melanins** are applied topically to

- UV produce a natural-appearing tan and to prevent damage to skin caused by exposure. Suitable **melanin** precursors are arom. compds. with ionizable side groups, including 3-aminotyrosine, 5,6-dihydroxyindole, dihydroxyindole-2-carboxylic acid, 3,4-dihydroxybenzoic acid, 3-amino-4-hydroxybenzoic acid, aloin, emodin, alizarin, tyrosine, DOPA, 4,5-dihydroxynaphthalene-2-sulfonic acid, 3-nitrotyrosine, 3-dimethylaminophenol, and p-aminobenzoic acid. The **melanin** polymers have a wide variety of natural-appearing tan colors. Thus, a red cosmetic **melanin** was produced by mixing 100 kg aloin, 350 L concd. NH₄OH, 750 g CuSO₄, and 550 L H₂O, adding 100 L H₂O₂ in increments, aerating for 24 h, pptg. with 2.5 vol. EtOH, and drying in air. The product was dissolved in body lotion for cosmetic use.
- L16 ANSWER 16 OF 49 CAPLUS COPYRIGHT 2001 ACS
 AB Normal human melanocytes in culture became enlarged and dendritic after a 2-day incubation with either the pituitary (.beta.-MSH, a potent analog of .gamma.-MSH, ACTH, FSH and LH) or the ovarian (estradiol, estriol and progesterone) hormones. Under the same exptl. conditions, pituitary hormones also increased both the tyrosinase activity and tyrosinase-related protein-1 (TRP-1) while ovarian hormones increased TRP-1 but not tyrosinase activity. The results suggest that pituitary and ovarian hormones possibly induce hyperpigmentation of the skin by stimulating the **melanogenesis** in epidermal melanocytes, and that estradiol and progesterone may be involved in the pathogenesis of melasma (chloasma) usually developing between early adulthood and menopause in which a high concn. of serum ovarian hormones was maintained. blood flow.
- L16 ANSWER 17 OF 49 CAPLUS COPYRIGHT 2001 ACS
 AB Disclosed are cosmetic **melanins** of different colors produced by procedures involving oxidative polymn. of monomeric precursors of **melanin** and/or comonomers that enhance substantivity or adherence of the **melanins** to the skin and hair. Also disclosed are methods for prepg. cosmetic **melanins** and methods for using these compns. topically to produce a natural-appearing tan and to prevent damage to skin caused by UV exposure. Aloin 100 kg, concd. NH₄OH 350 L, CuSO₄ 750 g, water 550 L, and H₂O₂ 100 L were mixed and aerated; the resultant **melanin** polymer was pptd. by EtOH (2500 L) and dried to yield a red cosmetic **melanin**. **Melanin** obtained was dissolved in Avon body lotion at concn. of 1% for cosmetic uses.
- L16 ANSWER 22 OF 49 CAPLUS COPYRIGHT 2001 ACS
 AB A review, with 102 refs., on the role of MSH in human skin color; on models of UV light-induced skin pigmentation; on the control of skin pigmentation by sex **steroids**, cytokines and growth factors, eicosanoids, and thyroid hormones; on hormonal control of follicular **melanogenesis**; and therapeutic uses of melanotropic peptides.
- L16 ANSWER 28 OF 49 CAPLUS COPYRIGHT 2001 ACS
 AB Disclosed is a chem. compn. for external application, which comprises a kojic acid or kojic acid deriv. and an unsatd. linear fatty acid having 4-26 C atoms and having 1-6 unsatd. bonds where the position(s) of the unsatd. bond(s) is (are) any desired position(s) in the alkyl chain of the acid except the terminal opposite to the carboxyl group thereof or a

deriv. thereof as active ingredients. By the synergistic effect of the two active ingredients, the compn. is effective for noticeably preventing formation of **melanin** to cause freckles and spots in the skin and for noticeably lightening the skin.

L16 ANSWER 33 OF 49 CAPLUS COPYRIGHT 2001 ACS

AB **Melanin** formation from DOPA was studied in the presence of estradiol and 2-hydroxyestradiol by use of a tyrosinase isolated from B16-F10 melanoma cells grown in C57 black female mice. Both **steroids** were incorporated into **melanin**, but the 2-hydroxy compd. was incorporated to a higher extent. **Melanin** also bound substantial amts. of the 2 **steroids**, and the more highly oxidized compd. showed higher binding. **Melanin** isolated from incubates of DOPA with mushroom tyrosinase has the ability to bind the **steroids** and to incorporate small amts. into its structure. **Melanin** in mammalian tissues may thus function as a depository for estrogens, particularly for those which are more highly oxidized.

L16 ANSWER 43 OF 49 CAPLUS COPYRIGHT 2001 ACS

AB ACTH [9002-60-2] and mouse but not human interferon caused a steroidogenic response and induced antiviral activity in mouse adrenal tumor (Y-1) cells. ACTH and human but not mouse interferon caused induction of **melanin** synthesis and antiviral activity in human melanoma cells. ACTH did not induce antiviral activity in mouse L or human amnion (WISH) cells. The hormonal activities of interferon were neutralized by specific rabbit anti-interferon serums. Thus, interferon has species-specific hormonal activity and ACTH has cell-specific antiviral activity. These results are discussed in terms of the possible natural functions of interferon and polypeptide hormones.

L16 ANSWER 47 OF 49 CAPLUS COPYRIGHT 2001 ACS

AB Investigations were undertaken to det. the response of the epidermal melanocytes of black rat scrotal skin to castration and to subcutaneous administration of various **steroid** and peptide hormones. The resulting changes in cell nos. were detd. by direct cell count in unstained whole-skin preps. A 14-day period of castration resulted in a highly significant decrease in the no. of scrotal melanocytes. Extending this period to 28, 42, and 70 days failed to reduce further the cell nos. Treatment of castrated rats with testosterone propionate increased cell nos. approx. to normal levels, while treatment with MSH, ACTH, prolactin, progesterone, and estradiol failed to influence castrate levels. The testosterone effect on scrotal skin melanocytes was not significantly altered by concurrent cortisol administration or by adrenalectomy; hypophysectomy resulted in a significant decrease in cell nos. which could be reversed by testosterone treatment. The no. of scrotal melanocytes in intact, untreated animals was found to increase progressively with age. It is concluded that the melanocyte population of the scrotum of the black rat is controlled directly and perhaps exclusively by androgenic hormones. The results are discussed in relation to published studies on hormonally-controlled pigment changes in other mammalian systems. 19 references.

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=> d L16 ibib 16,22,47

L16 ANSWER 16 OF 49 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1997:38162 CAPLUS
DOCUMENT NUMBER: 126:58341
TITLE: Effect of pituitary and ovarian hormones on human melanocytes in vitro
AUTHOR(S): Maeda, Kazuhisa; Naganuma, Masako; Fukuda, Minoru; Matsunaga, Jun; Tomita, Yasushi
CORPORATE SOURCE: Shiseido Research Center, Yokohama, Japan
SOURCE: Pigm. Cell Res. (1996), 9(4), 204-212
CODEN: PCREEA; ISSN: 0893-5785
PUBLISHER: Munksgaard
DOCUMENT TYPE: Journal
LANGUAGE: English

L16 ANSWER 22 OF 49 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1994:69673 CAPLUS
DOCUMENT NUMBER: 120:69673
TITLE: Hormonal control of **melanogenesis**
AUTHOR(S): Hadley, Mac E.; Levine, Norman
CORPORATE SOURCE: Dep. Anat., Univ. Arizona, Tucson, AZ, USA
SOURCE: Pigm. Pigm. Disord. (1993), 95-114. Editor(s): Levine, Norman. CRC: Boca Raton, Fla.
CODEN: 59QXA5
DOCUMENT TYPE: Conference; General Review
LANGUAGE: English

L16 ANSWER 47 OF 49 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1967:16842 CAPLUS
DOCUMENT NUMBER: 66:16842
TITLE: Hormonal control of **melanin** pigmentation in scrotal skin of the rat
AUTHOR(S): Mills, Thomas M.; Spaziani, Eugene
CORPORATE SOURCE: Univ. of Iowa, Iowa City, Iowa, USA
SOURCE: Exp. Cell Res. (1966), 44(1), 13-22
CODEN: ECREAL
DOCUMENT TYPE: Journal
LANGUAGE: English

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